

WHAT IS CLAIMED IS:

- SUB A  
C'
- 1 An image sensing apparatus comprising:  
a driving device moving an image sensing optical  
5 system to image sensing and non image sensing regions; and  
a determination device determining whether said image  
sensing apparatus is set at least in an image sensing mode, or  
in an external control mode in which said apparatus is  
controlled by an external controller unit, said  
10 determination device determining an operation of said driving  
device in accordance with a determination result of said  
determination device.
2. An apparatus according to claim 1, wherein  
15 in a case where said determination device determines that  
said image sensing apparatus is set in the external control mode,  
said determination device causes said driving device to drive  
said image sensing optical system to the image sensing region.
- 20 3. An apparatus according to claim 1, wherein  
said determination device causes said driving device to  
drive said image sensing optical system to the image sensing  
region in response to a reception of an image sensing signal  
from the external controller unit, in a case where said

determination device determines that said image sensing apparatus is set in the external control mode.

4. An apparatus according to claim 3, wherein  
5 said determination device causes said driving device to drive said image sensing optical system to the non image sensing region, in response to a completion of an image sensing operation of said apparatus.

10 5. An apparatus according to claim 3, wherein  
said determination device comprises a timer for causing said driving device to drive said image sensing optical system to the non image sensing region, a predetermined time period after a completion of an image sensing operation of said  
15 apparatus.

6. An apparatus according to claim 5, wherein  
in a case where the image sensing signal is input again from the external controller unit during the predetermined time  
20 period, said determination device prevents said driving device from driving said image sensing optical system to the non image sensing region, after the predetermined time period has elapsed.



an image sensing operation of said apparatus, and causes said driving device to drive said image sensing optical system to the non image sensing region in response to said timer, in a case where said determination device determines said apparatus  
5 has been set in the external control mode.

*Sub A3*  
11. An apparatus according to claim 10, wherein  
in a case where an image sensing signal is input again from the external controller unit during the predetermined time  
10 period, said determination device prevents said driving device from driving said image sensing optical system to the non image sensing region after the predetermined time period elapses.

*Sub A3*  
12. An apparatus according to claim 1, wherein  
15 in a case where said determination device determines that said apparatus is set in a reproduction mode, said determination device positions said image sensing optical system in the non image sensing region.

20 13. An apparatus according to claim 1, further comprising:  
an operation device for selectively setting said apparatus into at least either one of the image sensing and external control modes, said operation device being provided on an exterior of said image sensing device.

14. An apparatus according to claim 1, further comprising:  
a signal processing device converting, in a case where  
said apparatus is set in the image sensing mode, an optical image  
5 formed by the optical system, into an electrical signal for  
photography.

Sub B1  
10 15. An apparatus according to claim 1, wherein the non image  
sensing region includes a position where said optical system  
is stored.

16. An apparatus according to claim 1, wherein the non image  
sensing region includes a predetermined position where the  
optical system is collapsed in a body of said image sensing  
15 apparatus.

Sub A4  
17. An apparatus according to claim 1, wherein said  
determination device determines a mode controlled by an  
external computer as the external control mode.

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18. An apparatus according to claim 1, wherein said driving  
device includes a motor.

Sub A5  
19. An apparatus according to claim 1 further comprising a





said determination device prevents said driving device from driving said image sensing optical system in the extending direction, in a case where said determination device determines that said apparatus is set in the external control mode.

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27. An apparatus according to claim 20, wherein  
in a case where said determination device determines that said apparatus is set in the external control mode, said determination device causes said driving device to drive said  
10 image sensing optical system in the retracting direction in response to a completion of an image sensing operation of said apparatus.

28. An apparatus according to claim 20, wherein said  
15 determination device comprises a timer for monitoring whether a predetermined time period has elapsed after a completion of an image sensing operation of said apparatus, and causes said driving device to drive said image sensing optical system in the retracting direction in response to said timer, in a case  
20 where said determination device determines said apparatus has been set in the external control mode.

*Sak*  
*By*  
29. An apparatus according to claim 28, wherein  
in a case where an image sensing signal is input again



from the external controller unit during the predetermined time period, said determination device prevents said driving device from driving said image sensing optical system in the retracting direction after the predetermined time period elapses.

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30. An apparatus according to claim 20, wherein  
in a case where said determination device determines that  
said apparatus is set in a reproduction mode, said determination  
device prevents said driving device from driving said image  
10 sensing optical system in the retracting direction.

31. An apparatus according to claim 20, further comprising:  
an operation device for selectively setting said  
apparatus into at least either one of the image sensing and  
15 external control modes, said operation device being provided  
on an exterior of said image sensing device.

32. An apparatus according to claim 20, further comprising:  
a signal processing device converting, in a case where  
20 said apparatus is set in the image sensing mode, an optical image  
formed by the optical system, into an electrical signal for  
photography.

33. An apparatus according to claim 20, wherein said

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determination device determines a mode controlled by an external computer as the external control mode.

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34. An apparatus according to claim 20, wherein said driving device includes a motor.

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35. An apparatus according to claim 20 further comprising a camera.

10 36. An image sensing apparatus comprising:  
a driving device moving an image sensing optical system in image sensing and non image sensing regions; and  
a determination device determining whether said image sensing apparatus is set at least in an image sensing mode, or  
15 in an image reproduction mode, said determination device determining an operation of said driving device in accordance with a determination result of said determination device.

37. An apparatus according to claim 36, wherein said  
20 determination device positions said image sensing optical system in the non image sensing region, in a case where said determination device determines that said apparatus is set in the image reproduction mode.

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38. An apparatus according to claim 37, wherein  
in a case where said determination device determines  
that said image sensing apparatus is set in the image sensing  
mode, said determination device causes said driving device to  
5 drive said image sensing optical system in the image sensing  
region.

39. An apparatus according to claim 36, wherein  
in a case where said determination device determines  
10 that said image sensing apparatus is set in the image  
reproduction mode, said determination device prevents said  
driving device from driving said image sensing optical system  
in the image sensing region.

40. An apparatus according to claim 39, wherein  
in a case where said determination device determines  
that said image sensing apparatus is set in the image sensing  
mode, said determination device causes said driving device to  
drive said image sensing optical system in the image sensing  
20 region.

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41. An apparatus according to claim 36, wherein the non image  
sensing region includes a position where said optical system  
is stored.

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42. An apparatus according to claim 36, wherein the non image sensing region includes a predetermined position where the optical system is collapsed in a body of said image sensing apparatus.

43. An apparatus according to claim 36, wherein said driving device includes a motor.

SUB A9 >  
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44. An apparatus according to claim 36 further comprising a camera.

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45. An image sensing apparatus comprising:  
a driving device moving an image sensing optical system in extending and retracting directions; and  
a determination device determining whether said image sensing apparatus is set at least in an image sensing mode, or in an image reproduction mode, said determination device determining an operation of said driving device in accordance with a determination result of said determination device.

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46. An apparatus according to claim 45, wherein  
in a case where said determination device determines that said image sensing apparatus is set in the image reproduction mode, said determination device prevents said

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driving device driving said image sensing optical system in the  
extending direction.

47. An apparatus according to claim 46, wherein

5        said determination device causes said driving device to  
drive said image sensing optical system in the extending  
direction, in a case where said determination device determines  
that said image sensing apparatus is set in the image sensing  
mode.

48. An apparatus according to claim 45, wherein said driving device includes a motor.

10 49. An apparatus according to claim 45 further comprising a  
15 camera.

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